

CASS Bibliography Series

Class - H

No. 7

Bibliography
of
Technical Science

By
Kashinath Hota

General Editor
V. N. Jha

**Centre of Advanced Study in Sanskrit,
University of Pune
1995**

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V. N. Jha
Kashinath Hota

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General Editor's Note

In 1964 the University Grants Commission had established this Centre of Advanced Study in Sanskrit (CASS) in this University as a training Centre to promote higher training and research in the field of Veda and Vyākaraṇa. In 1974 facilities for such training and research were made available for two more disciplines namely, Nyāya and Mīmāṃsā. The Centre has completed 29 years of its existence and by now it has trained a good number of scholars in India and abroad. It has also brought out a good number of research publications in the areas of Veda, Vyākaraṇa, Nyāya and allied disciplines. The members of its staff have contributed a good number of research articles in National and International journals. The Centre, through its research activities, has already established academic relations with prominent Institutions of Indology throughout the world.

In its Silver Jubilee Year 1989 the Centre wanted to concentrate on making survey of research already done in various disciplines of Sanskrit and Indology. As the first step towards this direction, it was decided to compile bibliographies of each discipline separately. Accordingly, to start with, the following areas were identified.

1. Śrauta, 2. Vyākaraṇa, 3. Nyāya-Vaiśeṣika, 4. Mīmāṃsā, 5. Sāṃkhya, 6. Yoga, 7. Advaita, 8. Dvaita, 9. Viśiṣṭādvaita, 10. Svābhāvika Bhedābheda 11. Aupādhika Bhedābheda, 12. Acintya Bhedābheda, 13. Alāṅkāra, 14. Sāhitya, 15. Āgama, 16. Tantra, 17. Jainism, 18. Buddhism, 19. Dharmaśāstra, 20. Technical Sciences.

Since there is no financial support from any funding agency, the Centre decided to concentrate on collection of bibliographical materials available in Pune city only. It is well known that Pune is very rich in oriental libraries, and hence, the coverage of Pune libraries will cover more than 70% bibliographical materials on those disciplines.

One will agree that periodical collection and publication of bibliographical materials are absolutely necessary for quality - teaching and research in any field. Therefore, it is necessary that publication of these bibliographies should be an on - going project and a regular activity of our Centre, since this is the only Centre of Advanced Study in Sanskrit in the entire country. The Centre, therefore, will try to make it a regular feature of its research activities. Bibliographical materials will be collected and will be published periodically. The present bibliographies are the first instalment towards that goal. I am fully aware that these bibliographies do not claim to be fully exhaustive. Nevertheless, the materials contained in them have comprehensive coverage, since they are collected from all the prominent libraries in Pune. These bibliographies contain information as found in 1988 in prominent Pune Libraries.

Any progress in research requires assessment of research already done and any assessment requires the collection of research work already done. These bibliographies should be viewed from this point of view. Our aim is, as stated

above, to come out with detailed critical survey of research done in a particular field. One must start somewhere and this is where we start. Better late than never. I am confident that these bibliographies will prove to be an indispensable companion of each and every student, scholar and teacher of Indology. Not only that, persons from general public interested in particular field of Indology may also derive help from these bibliographies.

These Bibliographies will be brought out under the series named - *CASS Bibliography Series* as and when they are ready. The Bibliography of Technical Science forms No. 7 in this series.

I shall welcome all constructive suggestions for improving the usefulness of these bibliographies.

V. N. Jha,
Director,
CASS., University of Poona
and
General Editor,
CASS Bibliography Series.

The Format of the Bibliography

Broadly these Bibliographies are presented in two parts. Part I is the main body of the bibliography and Part II contains Indices.

In the body of a bibliography the materials are presented as per the proper names arranged alphabetically and numbered serially from one onwards. These names may be of the editor of a Sanskrit text or of the translator of the text or of a modern writer of a book or of an author of a research article or of an author of review. However, if there is no information about the editor or translator available of an original Sanskrit text, the information regarding that text is enlisted under the name of the original author of that text. However, in case if information regarding one or two points is missing even then the entries are arranged as per the general norms of the listing of the entries with question marks at missing points.

Part II consists of the following Indices :-

- 1) Author Index
- 2) Title Index
- 3) Topic Index

Under the title index will come titles of Sanskrit texts, names of commentaries and the names of modern books. Under topic index are included topic-wise listing of articles. While listing a research article the topic of the article is focused and the arrangement is made alphabetically as per these topics. If in an article there are more than one topic which need focussing, then more than one entry will occur in the index. In the author index the names of authors of original Sanskrit texts and Sanskrit commentaries are included. However, the editor of a modern book is enlisted under the author index and the name of the author occurs in the main body. Similarly, the name of the author of a book reviewed occurs in the author index if the same is not included in the main body. Since the bibliography for each discipline is prepared separately this author index will give an idea of the original Sanskrit text of that particular discipline and this is the reason why author index is added separately. Obviously, modern authors are not included here because they have already been included in the main body of the bibliography.

The references in all these indices are made to the serial numbers of the body of the bibliography. While giving references to the entries under title index the serial number is indicated and this serial number will be followed at times by the letters C, E, T and R. These letters represent respectively whether the entry contains Sanskrit commentary (C) or edition of the Sanskrit text (E) or translation of the Sanskrit text (T) or review of the book (R) e.g. if the reference occurs as 100 C it means that the entry number 100 in the body of the bibliography has a Sanskrit text with a Sanskrit commentary. Similarly, if the entry occurs as 150 E it means that the entry No. 150 contains a Sanskrit text edited by somebody. Likewise, if the entry occurs as 200 T it means the entry number 200 contains the translation of a Sanskrit text and, if the entry occurs as 250 R it means the entry number

250 is the review of either Sanskrit text or of a modern book. Reference to Reviews has been made by referring to the serial number of the book reviewed.


However, if the book reviewed is not included in the Main Body, the full reference of that book is stated in the review-entry.

V. N. Jha

J. N. Hota

ABBREVIATIONS

AA	Artibus Asiae, Leipsig.	Ay II	Āyurvedadūta.
ABORI	Annals of the Bhandarkar Oriental Research Institute, Pune.	B	Bengali.
AF	Altorientalische Forschungen.	BANC	Bulletin de la Academia National de Ciencias, Tome 48, Primer Congreso Argentino de la Ciencia, Primer Parte.
Afg	Afghanistan, Historical and Cultural Quarterly, Kabul.	DDCH	Bulletin of the Deccan College Research Institute, Poona.
AIHS	Archives Internationales d'Histoire des Sciences.	BDHM	Bulletin of the Department of History of Medicine, Hyderabad.
AIRIS	Anantacharya Indological Research Institute Series.	BEFEO	Bulletin de l'Ecole Française d'Extrême - Orient, Paris.
AJOS	Aligarh Journal of Oriental Studies, Aligarh.	Be M	Berliner Medizin.
AM	Asia Major, Lipzial (London).	Bh	Bharati, Banaras Hindu University, Varanasi.
A Mag	The Astrological Magazin, Bangalore.	IHM	Bulletin of the History of Medicine, Baltimore, Md.
AMM	American Mathematical Monthly.	BIHM	Bulletin of the Institute of History of Medicine (Hyderabad).
Ane	Anekant, Delhi.	BIHM	Bulletin of the Indian Institute of History of Medicine, Hyderabad.
AO	Acta Orietalia, Copenhagen.	BITCM	Bulletin of the Institute of Traditional Culture, Madras University, Madras.
AOH	Acta Orientalia, Academiae Scientiarum Hungaricae, Budapest.	BJ	Bhavan's Journal, Bharatiya Vidya Bhavan, Bombay.
AP	The Aryan Path, Bombay.	BM	Bharata Manisha, Varanasi.
APL	Anusandhan Patrika, Ladnu (Rajasthan).	BMGM	Bulletin of the Madras Government Museum.
AR	Asiatic Researches.	BN	Bulletin on Narcotics, Geneva.
Ar O	Archiv Orientalni : Quarterly Journal of African, Asian and Latin American Studies, Prague, Zechaslovakia.	BNISI	Bulletin of the National Institute of Science of India, Madras.
ASB	Asiatic Society of Bengal, Calcutta.	BORI	Bhandarkar Oriental Research Institute, Pune.
ASDS	Archivio di Storia della Scienza.		
ASVOI	Annals of Sri Venkateswar Oriental Institute, Tirupati.		

- | | | | |
|---|--|-----------------|--|
| BRMIC | Bulletin of the Ramakrishna Mission Institute of Culture, Calcutta. | ES | Eastern Science : An outline of its scope and contribution, Wisdom of the East Series. |
| Br V | Brahmavidyā : Adyar Library Bulletin, Adyar (Madras). | EW | East and West, Ismeo. |
| BRVRI | Bulletin of Sri Rama Varma Research Institute. | FEW | Festschrift Ernst Windische, Leipzig. |
|  | Bhāratīya Saṁskṛti. | Folklore | Calcutta. |
| BSFHM | Bulletin de la Socete fransaise de Histoire de la Medicine, Paris. | FRVR | Festgruss on Rudolf Vou Roth, Stuttgart. |
| BSKO | Beiträge zur Sprach-und Kulturgeschichte des Orients, Heft 4, Walldorf - Hessen. | Ga | Gaṇita. |
| BSOAS | Bulletin of the School of Oriental and African Studies, London. | GJ | Geologie Jg. |
| BSSS | Bhāratīya Śodha Sāra Saṁgraha, Jaipur. | GM | Grenzgebiete der Medizin, Munchen, Berlin. |
| BV | Bhāratīya Vidyā, Bombay. | GR | Geographical Review, New York. |
| CASS St | CASS Studies, Centre of Advanced Study in Sanskrit, University of Poona. | GW | Ground Water. |
| CF | Cultural Forum, New Delhi. | H | Hindi. |
| CHI | The Cultural Heritage of India, Calcutta. | HCIP | History and Culture of the Indian People, Bharatiya Vidya Bhawan. |
| Chy | Chyamia, Philad. | HCSA | Historical and Critical Studies on Atharvaveda, Delhi. |
| CMJ | Calcutta Medical Journal. | Hin | Hindutva, New Delhi. |
| Comm Vol | Commemoration Volume. | HIP | A History of Indian Philosophy, Vol. 2, Chapter 13, Cambridge University Press. |
| CT | Ceylon Today. | HR | History of Religions, University of Chicago. |
| DI | Darshana International, Moradabad. | HTI | A History of Technology and Invention, Vol. 1, Part 3, Chapter 2. |
| DS | Dayānanda Sandeśa, Delhi. | IA | Indian Antiquary, Bombay. |
| Ed | Editor. | IAC | Indo-Asian Culture, New Delhi. |
| Edn | Edition. | IC | Indian Culture, Calcutta. |
| | | ICO | International Congress of Orientalists. |

IHQ	Indian Historical Quarterly, Calcutta.		Bengal.
IHR	Indian Historical Review, Indian Council for Historical Research, New Delhi.	JAS (Bom)	Journal of the Asiatic Society, Bombay.
IJH	Indian Journal of Horticulture.	JASI	Journal of Aeronautical Society of India.
IJHM	Indian Journal of History of Medicine, Hyderabad.	JAU	Journal of Annamalai University, Annamalai Nagar.
IJHS	Indian Journal of History of Science, New Delhi.	JBBRAS	Journal of the Bombay Branch of the Royal Asiatic Society, Bombay.
IJMS	Indian Journal of Medical Science.	JBIT	Journal of Birla Institute of Technology.
IJP	Indian Journal of Psychiatry, New Delhi.	JBORS	Journal of Bihar and Orissa Research Society, Patna.
I Lin	Indian Linguistics, Poona.	JBRS	Journal of Bihar Research Society, Patna.
Ind	Indica, Bombay.	JCE	Journal of Chemical Education, Raston.
IS	Indian Studies : Past and Present, Calcutta.	JDL	Journal of the Department of Letters, University of Calcutta.
Isl C	Islamic Culture, Hyderabad.	JEA	Journal of Egyptian Archeology.
I Std	Indological Studies : Journal of Department of Sanskrit, Delhi University, New Delhi.	JESHO	Journal of the Economic and Social History of the Orient, Leiden.
IT	Indological Tourinensia, Torino, Italy.	JGJCSV	Journal of the Ganganath Jha Kendriya Sanskrit Vidyapeetha, Allahabad.
JA	Journal Asiatique, Paris.	JGJRI	Journal of the Ganganath Jha Research Institute, Allahabad.
JAHS	Journal of the Andhra Historical Research Society, Rajahmundry.	JHA	Journal of the History of Astronomy.
JAIH	Journal of Ancient Indian History, Calcutta University.	JHE	Journal of Human Evolution.
JAJSB	Jaina Antiquary : Jaina Siddhānta Bhāskara, Arrah.	JIE	Journal of the Institution of Engineers.
JAOS	Journal of the American Oriental Society, New Haven.	JIH	Journal of Indian History, Trivandrum.
JAS	Journal of Anthropological Society of Bombay.		
JAS (Ben)	Journal of the Asiatic Society,		

JISOA	Journal of the Indian Society of Oriental Art.		
JMSUB	Journal of Maharaja Sayajirao University of Baroda, Baroda.	JWH	Journal of World History, Paris.
JMU	Journal of the Mysore University, Mysore.	JYI	Journal of the Yoga Institute, Bombay.
JNES	Journal of Near Eastern Studies.	KP	Kinderärztliche Praxis, Leipzig.
JNSI	Journal of the Numismatic Society of India, Varanasi.	Marg	Bombay.
JOIB	Journal of the Oriental Institute, Baroda.	Med	Mediscope.
JORM	Journal of Oriental Research, Madras.	MER	The Mathematics Education and Research, Sewan, Bihar.
JOS	Journal of Oriental Studies, Swadhyaya Mandal.	MIOF	Mitteilungen des Instituts für Orient-forschung, Berlin.
JP	Jñānāpīṭha Patrikā.	MO	The Mysore Orientalist, Oriental Institute, Mysore.
JRAI	Journal of Royal Anthropological Institute, London.	MR	Modern Review, Calcutta.
JRAS	Journal of the Royal Asiatic Society of Great Britain & Ireland, London.	MS	The Mathematic Students.
JRAS (Bom)	Journal of Royal Asiatic Society, Bombay.	MT	Mathematic's Teaching, Lancashire.
JTD	Jyotisha Tattvadarshana, Poona.	Nag	Nāgārjuna.
JTMSSML	Journal of the Tanjore Maharaja Serfogis Saraswati Mahal Library, Madras.	Nat	Nature, London.
JTS	Journal of Tamil Studies, Madras.	NGJI	National Geographical Journal of India, Varanasi.
JUG	Journal of the University of Gauhati, Assam.	NIA	New Indian Antiquary, Bombay.
JUP	Journal of the University of Poona, Pune.	NPP	Nagara Pracāriṇī Patrikā, Varanasi.
JUP His Soc	Journal of the United Provinces (Uttar Pradesh) Historical Society, Lucknow.	OH	Our Heritage, Sanskrit College, Calcutta.
JVOI	Journal of Sri Venkateswar	OHRJ	Orissa Historical Research Journal, Bhubaneswar.
		OL	Orientalistische Literaturzeitung, Berlin.
		PAIOC	Proceedings of the All-India Oriental Conference, BORI, Poona.

PCEW	Philosophy and Culture : East and West, University of Hawaii Press.	RP	Revue Philosophique.
PICO	Proceedings of the International Congress of Orientalists.	RSU	Rajasthan University Studies.
PIHC	Proceedings of the Indian History Congress, Delhi.	Rt	Rtam : Journal of Akhila Bharatiya Sanskrit Parishad, Lucknow.
PKVRJ	Panjabrao Krishi Vidyapeetha Research Journal.	Sag	Sāgarikā, Saugar.
PO	Poona Orientalist, Poona.	SAGMNS	Sudhoffs Archiv für Geschichte der Medizin und Naturwissenschaften, Steiner, Weisbaden.
PP	Prācya Pratibha, Bhopal.	Sai Sid	Sai Siddhanta.
Pra	Prajñā, Banaras Hindu University, Varanasi.	Sal Sma	Śālākya Smārikā, Varanasi.
PTAIOC	Proceedings and Transaction of the All-India Oriental Conference, BORI, Poona.	Sambodhi	L. D. Institute of Indology, Ahmedabad.
PUF	Presses University de France, Paris.	Samvid	Bharatiya Vidya Bhavan, Bombay.
PUJ	Patna University Journal, Patna.	Sar	Sarasvatī, Allahabad.
Pur	Purāṇa, Varanasi.	SB	Surabhārati.
PWSBS	Princess of Wales Saraswati Bhawan Studies.	SC	Science and Culture, Calcutta.
PWSC	Proceedings of the 4th World Sanskrit Conference. 1979.	SCHI	Studies in the Cultural History of India, edited by Metraux, Guy S. and Crouzet, Francois, Agra : Shivalal Agarwala & co. (P.) Ltd.
QJCDR	Quarterly Journal of Crude Drug Research, Amsterdam.	Scientia	Millan.
QJM	Quarterly Journal of the Mythic Society, Bangalore.	SHM	Studies in History of Medicine.
RCIA	Radio Carbon and Indian Archaeology, edited by D. P. Agarwal and A. Ghosha, Bombay : Tata Institute of Fundamental Research.	SIC	Studies in Indian Culture, Bangalore.
RHR	Revue de l' Histoire des Religions, Paris.	SIS	Sanskrit and Indological Studies, Delhi.
ROW	Rocznik Orientalistyczny, Warszawa.	SPP	Śāradāpīṭha Pradīpa, Dwaraka.
		SS	Saṁskṛta Suṣamā.
		SSM	Sunday Standard Magazine, New Delhi.
		SV	Saṁskṛta Vimarśaṇ, Rastriya Sanskrit Samsthan, New Delhi.
		SVUOJ	Sri Venkateshwar University

	Oriental Journal, Tirupati.	ZDMG	Zeitschrift der Deutschen Morgentandischen Gesellschaft, Wiesbaden.
TASSI	Transactions of the Archeological Society of South India.		• • •
TH	Thaqafatul Hind, New Delhi.		
TLS	Technical Literature in Sanskrit, edited by Iyre, S. Venkitasubramonia, Kerala University Sanskrit Department Publication No. 10.		
Tr	Translator.		
Trip	Tripathagā, Lucknow.		
Triv	Trivenī, Machilipatnam.		
Vai	Vaijñānika.		
Vāk	Deccan College Post-Graduate & Research Institute, Poona.		
Ved Sa	Veda Savita, Veda-Samsthana, Ajmer.		
Ved Sam	Vedasamīkṣā : Proceedings of the Seminar on Vedas, Sri Venkateswar University, Tirupati.		
Ve J	Veda Jyoti, Lucknow.		
Ve Va	Vedavāṇī, Bahalgarh (Sonipat-Haryana).		
VIJ	Vishveshvaranand Indological Journal, Vishveshvaranand Vedic Research Institute, Hoshiarpur.		
VJ	Viśva Jyoti, Hoshiarpur.		
VK	Vijñānakarmel.		
VP	The Vedic Path, Gurukula Kangri University, Haridwar.		
VS	Viśva Saṁskṛtam, Hoshiarpur.		
WA	World Archeology, Henley on Thames.		
YB	Yuba Bhāratī, Madras.		

Part I

Main Body

MAIN BODY

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sammelwerke der indischen Aerteschulen
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